

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S198	733	((curve or plot or graph) near2 (fit or fitting)) and (welding or weld)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/21 17:28
S199	241	((curve or plot or graph) near2 (fit or fitting)) and (welding or weld) and ultrasonic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/21 17:28
S200	8	((curve or plot or graph) near2 (fit or fitting)) and (welding or weld) and "156"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/21 17:28
S201	19	((curve or plot or graph) near2 (fit or fitting)) and (welding or weld) and "29"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/21 17:28
S202	57	((optimize or optimizing or optimization) near20 (welding or weld)) and "29"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/21 17:28
S203	0	((optimize or optimizing or optimization) near20 (welding or weld)) and "118"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/21 17:28
S204	0	(power near10 correction) and (curve or plot or graph) and (welding or weld) and ("29"/\$.ccls. or "156"/\$.ccls. )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/21 17:28
S205	7	((156/64).CCLS.) and (sonotrode)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/21 17:28

## EAST Search History

S20 6	48	((156/64).CCLS.) and (ultrasonic and horn)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/21 17:28
S20 7	7	(((156/64).CCLS.) ((156/73.1).CCLS.) ((156/73.4).CCLS.) ((156/73.3).CCLS.) ((156/73.2).CCLS.) ((156/73.5).CCLS.) ((156/73.6).CCLS.) ((156/358).CCLS.) ((156/359).CCLS.) ((156/360).CCLS.) ((156/366).CCLS.) ((156/367).CCLS.) ((156/378).CCLS.) ((156/379).CCLS.) ((156/580.1).CCLS.) ((156/580.2).CCLS.)) and (weld\$ near3 parameter) and (curve or plot or graph) and (ultrasonic or ultrasound or sonotrode)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/21 17:28
S20 8	31	"29"/\$.ccls. and (power near2 control) and (curve or plot or graph) and (welding or weld)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/21 17:28
S20 9	53	"700"/\$.ccls. and (power near2 control) and (curve or plot or graph) and (welding or weld)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/21 17:28
S21 0	10	(error near10 correction) and (curve or plot or graph) and (welding or weld) and ("29"/\$.ccls. or "156"/\$.ccls. )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/21 17:28
S21 1	93	(power near10 adjust\$5) and (curve or plot or graph) and (welding or weld) and ("29"/\$.ccls. or "156"/\$.ccls. )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/21 17:28
S21 2	71	(ultrasound or ultrasonic or friction) and (grewell.in. or frantz.in.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/21 17:28
S21 3	13	"700"/\$.ccls. and (energy near2 input) and (curve or plot or graph) and (welding or weld)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/21 17:28
S21 4	27	"156"/\$.ccls. and (energy near2 input) and (curve or plot or graph) and (welding or weld)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/21 17:28

## EAST Search History

S21 5	72	(closed near4 loop) and (curve or plot or graph) and (welding or weld) and ("29"/\$.ccls. or "156"/\$.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/21 17:28
S21 6	73	(close\$1 near5 loop) and (curve or plot or graph) and (welding or weld) and ("29"/\$.ccls. or "156"/\$.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/21 17:28
S21 7	29	(close\$1 near5 loop) and (curve or plot or graph) and (ultrasonic and bond\$4) and ("29"/\$.ccls. or "156"/\$.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/21 17:28
S21 8	4	((("5435863") or ("5658408") or ("5855706") or ("5846377"))).PN.	USPAT	OR	OFF	2006/01/21 17:28
S21 9	19	"702"/\$.ccls. and (power near2 control) and (curve or plot or graph) and (welding or weld)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/21 17:28
S22 0	3	((("6063450") or ("5409732") or ("3001890"))).PN.	USPAT	OR	OFF	2006/04/01 19:16
S22 1	128	"29"/\$.ccls. and (power near2 control) and (curve or plot or graph)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/21 17:28
S22 2	121	(700/212).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/21 17:28
S22 3	205	(156/73.4).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/21 17:28
S22 4	160	(156/73.3).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/21 17:28

## EAST Search History

S22 5	312	(error near10 correction) and (curve or plot or graph) and (welding or weld)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/21 17:28
S22 6	210	(156/73.2).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/21 17:28
S22 7	245	(156/73.6).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/21 17:28
S22 8	277	(156/360).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/21 17:28
S22 9	301	(156/366).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/21 17:28
S23 0	291	(156/367).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/21 17:28
S23 1	232	(156/379).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/21 17:28
S23 2	121	(700/212).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/21 17:28

## EAST Search History

S23 3	436	(156/580.2).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/21 17:28
S23 4	425	(156/358).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/21 17:28
S23 5	596	(156/580.1).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/21 17:28
S23 6	523	(156/359).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/21 17:28
S23 7	702	(156/73.5).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/21 17:28
S23 8	799	(156/378).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/21 17:28
S23 9	1437	(156/64).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/21 17:28
S24 0	1543	(156/73.1).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/21 17:28

## EAST Search History

S24 1	5507	((156/64).CCLS.) ((156/73.1).CCLS.) ((156/73.4).CCLS.) ((156/73.3).CCLS.) ((156/73.2).CCLS.) ((156/73.5).CCLS.) ((156/73.6).CCLS.) ((156/358).CCLS.) ((156/359).CCLS.) ((156/360).CCLS.) ((156/366).CCLS.) ((156/367).CCLS.) ((156/378).CCLS.) ((156/379).CCLS.) ((156/580.1).CCLS.) ((156/580.2). CCLS.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/21 17:28
S24 2	1212	(closed near2 loop) and ((welding or weld) and (ultrasonic or ultrasound))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/21 17:28
S24 3	0	(closed near2 loop) and ((welding or weld) and (ultrasonic or ultrasound)) and S218/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/21 17:28
S24 4	68	(closed near2 loop) and ((welding or weld) and (ultrasonic or ultrasound)) and "156"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/21 17:28
S24 5	211	branson.asn. and ultrasonics.asn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/21 17:28
S24 6	1	ultrasonic.clm. and sonotrode.clm. and generator.clm. and converter.clm. and welding.clm. and duration.clm. and parameter.clm. and actual.clm. and curve.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/23 11:33
S24 9	466	spiral and wound and abrasive and belt	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/01 19:24
S25 0	12	spiral with wound with abrasive with belt	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/01 19:24